

Docket No.: 044117-0143

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	:	Customer Number: 20277
Éric PINET, et al.	:	Confirmation Number: Not yet
assigned	:	
Application No.: Not yet assigned	:	Group Art Unit: Not yet assigned
Filed: June 20, 2005	:	Examiner: Not yet assigned
For: METHOD AND SENSOR FOR DETECTING A CHEMICAL SUBSTANCE USING AN OPTICALLY ANISOTROPIC MATERIAL		

**INFORMATION DISCLOSURE STATEMENT**

Honorable Commissioner for Patents and Trademarks  
Washington, D. C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed with the application and no certification or fee is required.

A copy of the foreign search report is attached for the Examiner's information. Please note this is a PCT application in the entry of the National Phase in the U.S. and copies of the references cited were transmitted by WIPO and are believed to be in the file of the above identified application and readily available to the Examiner. Therefore it is

Not yet assigned

10/539771

JC17 Rec'd PCT/PTO 20 JUN 2005

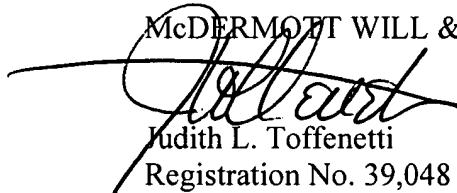
believed that Applicants have met all requirements regarding duty of disclosure under 37

CFR 1.56. Acknowledgement and consideration of these documents are respectfully requested.

A copy of the foreign search report is attached for the Examiner's information. Please note this is a PCT application in the entry of the National Phase in the U.S. Since the Search Report was from the U.S. JPO or EPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above identified application and readily available to the Examiner.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP



Judith L. Toffenetti

Registration No. 39,048

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
Phone: 202.756.8000 JLT:aph  
Facsimile: 202.756.8087  
**Date: June 20, 2005**

**Please recognize our Customer No. 20277  
as our correspondence address.**

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (PTO-1449)				ATTY. DOCKET NO. <b>044117-0143</b>		SERIAL NO. <b>Not yet assigned</b> <span style="font-size: 1.5em; font-family: monospace;">07539771</span>	
				APPLICANT <b>Éric PINET, et al.</b>			
				FILING DATE <b>June 20, 2005</b>		GROUP <b>Not yet assigned</b>	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		US					
		US					
		US					
		US					
		US					
		US					
		US					
		US					
		US					
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Code <sup>3</sup> -Number 4-Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation Yes      No	
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
		<b>BEOM-HOAN O et al., "Vapor Sensor Realized in an Ultracompact Polarization Interferometer Built of a Freestanding Porous-Silicon Form Birefringent Film", IEEE Photonics Technology Letters, IEEE Inc., New York, US, vol. 15, no. 6, June 2003 pp. 834-836, XP001175197</b>					
		<b>LIU R et al., "Novel Porous silicon vapor sensor based on polarization interferometry" Sensors and Actuators B, Elsevier Sequoia S.A., Lausanne, CH, vol. 87, no. 1, 15 November 2002, pp.58-62 XP 004391077</b>					
		<b>RONG LIU et al., "Porous silicon vapor sensor based on polarization interferometry" LEOS 2001. 14th Annual Meeting of the IEEE Lasers &amp; Electro-Optics Society. San Diego, CA, Nov. 11-15, 2001, Annual Meeting of the IEEE Lasers and Electro-Optics Society, New York, NY: IEEE, US, vol. 1-2, pp.820-821, XP010566702</b>					
		<b>KOOYMAN R P H et al., "Optical fiber immunosensor based on polarimetry" Transducers. San Francisco, June 24-27, 1991, Proceedings of the International Conference on Solid State Sensors and Actuators, New York, IEEE, US, vol. Conf. 6, 24 June 1991, pp. 376-377, XP010037367</b>					
		<b>HEIDEMAN R G et al., "Polarimetric Optical-Fibre Sensor for Biochemical Measurements" Sensors and Actuators B, Elsevier Sequoia S.A., Lausanne, CH, vol. B12, no.3, 15 April 1993, pages 205-212, XP 000397509</b>					
		<b>VELDHUIS G J et al., "An integrated optical Bragg-reflector used as a chemo-optical sensor" Pure and Applied Optics, Bristol, GB, vol. 7, no. 1, 1998, pages L23-L26, XP 002087839</b>					
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.